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2-8-01
JC

PATENT
Docket No.: 1819/100111

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Francisco Hideki Imai and Roy Stephen Berns)
Serial No. : 09/692,923)
Filed : October 20, 2000)
For : SYSTEM AND METHOD FOR SCENE)
IMAGE ACQUISITION AND SPECTRAL)
ESTIMATION USING A WIDE-BAND)
MULTI-CHANNEL IMAGE CAPTURE)

Examiner:
To Be Assigned

Art Unit:
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INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97-1.98

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Assistant Commissioner for Patents
Washington, D.C. 20231
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Dear Sir:

Pursuant to 37 CFR §§ 1.97-1.98, applicants hereby bring to the attention of the United States Patent and Trademark Office, the enclosed references listed on the attached PTO-1449 form.

Respectfully submitted,

Date: January 19, 2001

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on the date below.	
1/19/2001 Date	<u>Sherri A. Moscato</u> Sherri A. Moscato

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	APPLICANT Francisco Hideki Imai and Roy Stephen Berns	
	FILING DATE October 20, 2000	GROUP ART UNIT To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	1	3,684,824	8/15/72	Koenig			
	2	3,714,875	2/6/73	Yost, Jr.			
	3	3,720,146	3/13/73	Yost, Jr.			
	4	3,758,707	9/11/73	Keller et al.			
	5	3,785,812	1/15/74	Matsumoto			
	6	3,796,826	3/12/74	Kerr			
	7	3,806,633	4/23/74	Coleman			
	8	3,922,714	11/25/75	Delavie			
	9	3,975,748	8/17/76	Green et al.			
	10	4,086,616	4/25/78	Catano et al.			
	11	4,134,683	1/16/79	Goetz et al.			
	12	4,215,273	7/29/80	Stokes et al.			
	13	4,220,701	9/2/80	Robillard			
	14	4,229,754	10/21/80	French			
	15	4,282,527	8/4/81	Winderman et al.			

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OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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	16	4,285,009	8/18/81	Klopsch			
	17	4,328,515	5/4/82	Wellendorf			
	18	4,393,399	7/12/83	Gast et al.			
	19	4,402,611	9/6/83	Yuasa			
	20	4,402,704	9/6/83	Raisin et al.			
	21	4,463,380	7/31/84	Hooks, Jr.			
	22	4,464,677	8/7/84	Kuhn et al.			
	23	4,476,487	10/9/84	Klie et al.			
	24	4,577,219	3/18/86	Klie et al.			
	25	4,596,930	6/24/86	Steil et al.			
	26	4,599,001	7/8/86	Richard			
	27	4,642,778	2/10/87	Hieftje et al.			
	28	4,648,057	3/3/87	Wagstaff et al.			
	29	4,709,144	11/24/87	Vincent			
	30	4,758,075	7/19/88	Hatano			

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	31	4,794,398	12/27/88	Raber et al.			
	32	4,866,454	9/12/89	Droessler et al.			
	33	4,806,750	2/21/89	Vincent			
	34	4,925,420	5/15/90	Fourche et al.			
	35	4,982,150	1/1/91	Silverstein et al.			
	36	5,067,158	11/19/91	Arjmand			
	37	5,072,109	12/10/91	Aguilera, Jr. et al.			
	38	5,068,597	11/26/91	Silverstein et al.			
	39	5,109,276	4/28/92	Nudelman et al.			
	40	5,149,972	9/22/92	Fay et al.			
	41	5,164,858	11/17/92	Aguilera, Jr. et al.			
	42	5,200,838	4/6/93	Nudelman et al.			
	43	5,248,977	9/28/93	Lee et al.			
	44	5,265,172	11/23/93	Markandey et al.			
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	46	5,300,777	4/5/94	Goodwin			
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	48	5,319,472	6/7/94	Hill et al.			
	49	5,371,542	12/6/94	Pauli et al.			
	50	5,400,169	3/21/95	Eden			
	51	5,420,704	5/30/95	Winkelman			
	52	5,479,255	12/26/95	Denny et al.			
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	54	5,513,128	4/30/96	Rao			
	55	5,535,314	7/9/96	Alves et al.			
	56	5,539,517	7/23/96	Cabib et al.			
	57	5,543,940	8/6/96	Sherman			
	58	5,568,186	10/22/96	Althouse			
	59	5,572,607	11/5/96	Behrends			
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	61	5,680,150	10/21/97	Shimizu et al.			
	62	5,724,135	3/3/98	Bernhardt			
	63	5,729,465	3/17/98	Barbaresco			
	64	5,731,621	3/24/98	Kosai			
	65	5,760,899	6/2/98	Eismann			
	66	5,781,336	7/14/98	Coon et al.			
	67	5,838,938	11/17/98	Morgan			
	68	5,850,418	12/15/98	Van De Kerkhof			
	69	5,864,364	1/26/99	Ohyama et al.			
	70	5,887,082	3/23/99	Mitsunaga et al.			
	71	5,889,554	3/30/99	Mutze			
	72	5,900,942	5/4/99	Spiering			
	73	5,915,036	6/22/99	Grunkin et al.			
	74	5,915,279	6/22/99	Cantrall et al.			
	75	5,920,399	7/6/99	Sandison et al.			

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	76	5,923,049	7/13/99	Böhm et al.			
	77	5,926,282	7/20/99	Knobloch et al.			
	78	5,926,283	7/20/99	Hopkins			
	79	5,929,985	7/27/99	Sandison et al.			

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	80	Ohta, "Colorimetric Analysis in the Design of Color Films: A Perspective," <u>Journal of Imaging Science and Technology</u> , 36:63-72 (1992).
	81	Saunders et al., "Image Processing at the National Gallery: The VASARI Project," National Gallery Technical Bulletin, 14:72-85(1993).
	82	Hunt, "Objectives in Colour Reproduction," <u>The Reproduction of Colour</u> , 5 th ed., England:Fountain Press, Chapter 11, pp. 222-242 (1995).
	83	Burns, "Analysis of Image Noise in Multispectral Color Acquisition," Ph.D. Dissertation, Rochester Institute of Technology, pp. 1-178 (1997).
	84	Overheads used in presentation of "Multi-Spectral-Based Color Reproduction Research" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed.
	85	Overheads used in presentation of "High-Resolution Multi-Spectral-Based Archives-A Hybrid Approach" at the Munsell Color Science Laboratory, Rochester Institute of Technology, Rochester, New York (1998). Not Distributed.
	86	König et al., "The Practice of Multispectral Image Acquisition," <u>International Symposium on Electronic Capture and Publishing, Proc. SPIE</u> , 3409:34-41 (1998).
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		87	Berns et al., "Multi-spectral-based color reproduction research at the Munsell Color Science Laboratory," <u>Proceedings of SPIE</u> , 3409:14-25 (1998).
		88	Imai et al., "High-Resolution Multi-Spectral Image Archives: A Hybrid Approach," <u>Final Program and Proceedings of IS & T/SID</u> , pp. 224-227 (1998).
		89	Imai et al., "Spectral Estimation Using Trichromatic Digital Cameras," <u>International Symposium on Multispectral Imaging And Color Reproduction for Digital Archives</u> , pp. 42-49 (1999).
		90	Imai et al., "A Comparative Analysis of Spectral Reflectance Reconstruction in Various Spaces Using a Trichromatic Camera System," <u>Final Program and Proceedings of IS&T and SID</u> , pp. 21-25 (1999).
		91	Imai et al., "A Comparative Analysis of Spectral Reflectance Estimated in Various Spaces Using a Trichromatic Camera System," <u>Journal of Imaging Science and Technology</u> , 44:280-287 (2000).
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